



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/044,611	01/11/2002	Pamela Szabo	54357-003USPT	9481

7590 02/06/2004

Magaret A. Boulware
Jenkins & Gilchrist
A Professional Corporation
1100 Louisiana, Suite 1800
Houston, TX 77002

EXAMINER

CHAVIS, JOHN Q

ART UNIT	PAPER NUMBER
----------	--------------

2124

10

DATE MAILED: 02/06/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/044,611

Applicant(s)

SZABO ET AL.

Examiner

John Chavis

Art Unit

2124

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 1-11-02, 2-19-02, 10-24-02, 5-19-03.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-45 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-6, 8-20, 22-30, 32-39 and 41-45 is/are rejected.
- 7) ☐ Claim(s) 7, 21, 31 and 40 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 5, 7, 8, 9. 6) ☐ Other: _____

DETAILED ACTION

Drawings

1. New corrected drawings are required in this application because top margins are inappropriate, specifically in figure 6 (top margins should be 2.5 cm., see 37 CFR 1.84(f)). Applicant is advised to employ the services of a competent patent draftsman outside the Office, as the U.S. Patent and Trademark Office no longer prepares new drawings. The corrected drawings are required in reply to the Office action to avoid abandonment of the application. The requirement for corrected drawings will not be held in abeyance.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-6, 8-20, 22-30, 32-39, and 41-45 are rejected under 35 U.S.C. 102(e) as being anticipated by Barturen et al. (2003/0046681).

claims:

1. A computerized method of managing an integrity of an integrated applications

Barturen

See the title and the abstract.

environment, comprising the steps of:

detecting a change in a component of said integrated applications environment;

identifying one or more additional components of said integrated applications environment that are affected by said change; and

notifying one or more responsible parties for each application using a component affected by said change.

2. The method according to claim 1, further comprising implementing said change in said integrated applications environment based upon feedback from said responsible parties.

3. The method according to claim 2, further comprising repeating said detecting, identifying, and notifying steps for each additional change to a component of said integrated applications environment.

4. The method according to claim 1, further comprising the step of logging an information associated with said change.

5. The method according to claim 1, wherein said components of said integrated applications environment include data sources, data destinations, data templates, data maps, data schedules, conversion formulas, filters, and business rules.

6. The method according to claim 1, wherein said components of said integrated applications environment are composed of metadata, and said step of detecting includes comparing an old set of metadata with a new set of metadata.

8. The method according to claim 1, further comprising previewing a list of affected components and responsible parties to be notified.

9. The method according to claim 1, wherein said detecting step further includes detecting a change in an application.

See page 2 sect 0031.

See page 3 sect 0046, which identifies possible dependencies, which inherently would be affected by changes.

See page 4 sects 0051, 0055 and 0059.

This feature is inherent via sect 0060 and page 5 sect 0079, in which the end user determines version and release (i.e. via feedback). Also, see Sect 0089 on page 6.

See page 6 sects 0091-0092.

See sect 0105 on page 7 and sect 0051 on page 3.

See sects 0105-0106 and sect 0043.

See the dependency information, which is information about data (meta data) and is compared to test integrity, sects 0068, 0073, to avoid redundancies, sect 0130, and to ensure Synchronization among different versions, sect 0135.

See sects 0054-0055 and 0058-0060 and 0065.

See again sect 0055.

10. The method according to claim 1, wherein said detecting step further includes detecting a change in a business process.

See page 8 sects 0125-0126 and sect 0043 on page 3.

11. The method according to claim 1, wherein said integrated applications environment is an enterprise application integration environment.

See page 8 sects 0125-0126.

12. The method according to claim 1, wherein said step of notifying includes notifying a responsible party only when said one or more other components are affected in a predefined manner.

See the rejection of claim 1.

13. The method according to claim 1, wherein said step of notifying includes sending an email notification.

See the rejection of claim 1.

In reference to claims 14-16, see the rejection of claims 1-3 above and Barturen' s claim 1.

The features of claim 17 are taught via claim 1.

As per claims 18-20, see claims 4-6.

Claim 22 is taught via claim 8.

In reference to claims 23-24, see the rejection of claims 12-13.

The features of claims 25-27 are taught by claims 9-11.

As per claim 28, see the rejections of claims 3-4.

Claims 29-30 and 32-34 are rejected as claims 5-6 and 8-10.

In reference to claims 35-36, see the rejection of claims 12-13.

As per claim 37 see the rejections of claims 3-4 and 14.

Claims 38-39 are taught via claim 5-6.

In reference to claim 41, see the rejection of claims 8.

The features of claims 42-43 are taught by claims 12-13.

As per claims 44-45 see the rejections of claims 9-10.

Allowable Subject Matter

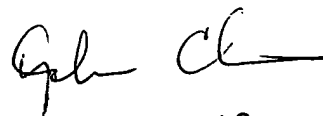
4. Claims 7, 21, 31, and 40 and are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to John Chavis whose telephone number is (703) 305-9665. The examiner can normally be reached on 8:30 - 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kakali Chaki can be reached on (703) 305-9662. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Jqc
February 4, 2004


JOHN CHAVIS
PATENT EXAMINER
ART UNIT 2124